



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the First Tuesday of each month.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<http://www.rars.org/public-service.php>

frequently for our 2016
ham public service
schedule.

RARS General Meeting

Topic: Operating in the Bahamas (C6A) for the 2015 ARRL DX SSB contest, Rob Katz, K4OV

Date: April 12, 2016

Time: Meeting at 7:30 p.m.

Informal gathering and refreshments from 7 - 7:30 p.m.

Where: Ridge Road Baptist Church. 2011 Ridge Rd., Raleigh

New HAM / Elmer meeting, 6:00 p.m. before member meeting

Tadd Torborg, KA2DEW, Elmer Coordinator

[Click here for more information.](#)

President's Message

The floor of the Jim Graham Building was eerily quiet as I walked out on Saturday afternoon around 4:00. Only a couple of vendors remained packing their weekend storefronts into trailers and vans for the trip home. The 44th edition of RARSfest was over. Only a few hours before the scene was quite different. Hundreds of people with callsign name tags were poring over the large selection of new and pre-owned (used)

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RARS Officers

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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: **Second** Tuesday of each month

Location: Ridge Road Baptist Church 2011
Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The meeting officially begins at 7:30 p.m.

RARS Monthly Dinner

All members and guests are welcome to the monthly (first Tuesday) RARS Supper, 6:30PM, at the Golden Corral Restaurant, 6129 Glenwood Ave., Raleigh. Informal and Dutch, just bring your appetite and best rag to chew. 73, Chuck, K4HF

RARS Repeaters in Raleigh

146.640 and 444.525

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

There is a net Listing on the RARS web-site click here. <http://www.rars.org/nets.php>

VE Testing

The RARS VEs will accept walk-in testing in February, May, August and November at 5:30PM, prior to RARS membership meetings at Ridge Road Baptist Church; the RARSfest in April; the Cary Swapfest in July; the JARS-Fest in November; and following RARS license classes. Please bring a photo ID, your original and a copy of your current license, your \$14 exam fee, and any valid CSCEs that prove passing elements beyond that of your current license. Visit www.rars.org for more information.

President's Message continued

ham radio gear.

Although the final numbers are not in, from all appearances this year's RARSfest was a huge success. Many thanks to those on the committee as well as those who volunteered their time for everything from setup to table sales to the Friday night social, to ticket sales to security to stage to talk-in to the RARS table to tear down. It takes a lot of people and a lot of hours to pull off an event like this and I'm proud to say that YOUR club stepped up in a very big way. My hat (with callsign) is off to all of those who volunteered for work slots, provided food for the social, or contributed in the many behind-the-scenes positions to make RARSfest possible.

Aside from all of that, I hope that you all were able to pick that new radio, antenna, coax, name tag, assorted connectors, and the multitude of rare items from the flea market area.

Now that RARSfest is behind us, the

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next big event is Field Day on June 25th and 26th. It takes quite a few people to make this event happen also, although not quite on the magnitude of RARSfest. And while you're at it, don't forget that it is also Public Service season. There are close to twenty events on the calendar this year. Try to find time to help with one or more of them.

73,

Dennis, NC4DK



New RARS Members

Tony O'Connor, Jr.	K1OC
John Swartz	AF4ZE
Joyce Bunn	Waiting for Call
Daniel Marks	Waiting for call
Jay Ricks	Waiting for call

RARS April Birthdays

Paul	KO4LZ	04/01
Ray	K2HYD	04/02
Bob	W4TTX	04/03
Rob	N4MN	04/03
Preston	KM4RJR	04/03
Garry	KM4MMC	04/07
Henry	WB2AGA	04/08
Rick	KB4RZ	04/09
Julie	KT4JR	04/09
Dennis	NC4DK	04/10
Bob	K2QJ	04/11
Scott	KG4ZYA	04/11
Mike	KK4QMA	04/12
Ian	N0IAN	04/13
Cindy	KB8LVU	04/15
Phillip	KG4IVD	04/16
Thomas	N4IZE	04/15
Albert	N4AGG	04/16
Dick	KB1HIW	04/17
Ryan	N7RYN	04/17
Robert	KG4BDX	04/18
Kirk	KI4RK	04/19
John	W4WWD	04/20
Mihir	KM4JEB	04/20
Glen	K1GW	04/22
Fin	NC4FG	04/22
Joanne	AK4RJ	04/23
Pete	KI4LWQ	04/23
Dave	KG4OPZ	04/24
Don	WA4AVU	04/26
Joe	KT4JOE	04/27
Charlie	WA4OSS	04/27
Tad	K3TD	04/28
John	NC4JP	04/29
Stan	WA2KQY	04/29

March 8, 2016 RARS meeting

Happy Birthday.

RARS is now 47 years old. The club was started by a group of local hams on February 12, 1969. Joanne Mars, AK4RJ provided the cake and it was enjoyed by all.



Thanks to Don Cowden N8DDK for taking a picture of the cake.

March 8, 2016 RARS meeting

During the March meeting RARS president Dennis Keith, NC4DK presented the following Plaques and Certificates to members of RARS for their service.

Plaques:

- Murray Merner, K4MHM – In appreciation as RARS President, 2015
- Bob Chew, K4YXM – In appreciation as RARS Secretary, 2012 thru 2015
- John Snellen, AI4RT – In appreciation as RARSfest Chairman, 2009 thru 2014

Certificates:

- Tadd Torborg, KA2DEW – In appreciation as the RARS Elmer Coordinator
- John Snellen AI4RT – In appreciation as RARS Director at Large, 2015
- Murray Merner, K4MHM – In appreciation as RARS Education Director, 2015
- Robert Cox, N4MN – In appreciation for involving Boy Scouts in HAM Activities
- Joanne Mars, AK4RJ – An ARRL [Traffic Handling Pin](#) in appreciation for providing regular and reliable message handling services in the Greater Raleigh Area
- Joanne Mars, AK4RJ – In appreciation for providing exceptional RARS Food Service
- Joe Squashic, W4TTO – In appreciation as Piedmont Coastal Traffic Net Manager for the past 9 years
- Raymond Lefrancois, NC4OO – In appreciation as the RARS Good Will Ambassador
- Charles Good, KM4AMT - In appreciation as the RARS Scouting Coordinator
- Dennis Keith, NC4DK – In appreciation for serving as the RARSfest Security Chief for several years
- Curt Phillips, W4CP – In appreciation for joining the RARS Teaching Staff and for teaching the Technician License Class
- Chuck Littlewood, K4HF – In appreciation for years of continuous service to RARS since the Club's inception.

[See the picture on the next page.](#)

March 8, 2016 RARS meeting



Photo by Tom Lewis, N4TL

Continued from the [previous page](#).

Recipients who were present at the RARS meeting. From left to right.
Dennis Keith, NC4DK, Joanne Mars, AK4RJ , Murray Merner, K4MHM
Bob Chew, K4YXM , John Snellen AI4RT , Robert Cox, N4MN
Raymond Lefrancois, NC4OO



March 8, 2016 RARS meeting

On March 8, 2016, RARS member and BSA Scoutmaster Rob Cox (N4MN) attended the RARS club meeting and was accompanied by four Boy Scouts from Troop 310. In January the scouts from Troop 310 in Raleigh decided that they not only wanted to earn the Radio Merit Badge but they also wanted to become licensed Amateur Radio Operators. There were 10 boys and 2 leaders that attended the Technician Course taught by Curt Phillips (W4CP) that started on January 16th. RARS member Raymond Lefrancois (NC4OO) donated manuals for the boys to use and Murray Merner (K4MHM) helped defray some of the cost of the course. At the time, only Steve Olson (KK4PCK) was a licensed ham he attended the course with is younger brother Davy (KM4RSN). Both boys come from a long line of Hams. Their father, Scott (KJ4DAT), is an Extra class operator and their two older brothers each hold a General license and a Technician license. Dallin (KM4RTL) is the scoutmaster's son, so he had to pass, and Sam (KM4RMU) is probably the most

excited to be a licensed ham. There has been a lot of excitement in Troop 310 when it comes to amateur radio, currently (as of March 10), the troop has 7 boys that are licensed along with 2 leaders. On Saturday, March 12, two additional boys will be taking their exam along with one adult leader. Since getting their license, these boys have participated in a few Nets and have had fun talking with one another simplex. They are excited to work at the Youth operated station at RARSfest and also looking forward to working the GOTA table with Marty Young (W4MY) at this years Field Day. Troop 310 will also take their radios on hikes and campouts throughout the year and plan on setting up UHF/VHF/HF an station during summer camp at Camp Durant this year. Scoutmaster Rob wishes to thank all those RARS club members who donated time, books and funds to assist these boys in achieving their goal, it wouldn't have been possible without you.

73 Rob N4MN



Photo by Tom Lewis, N4TL

Names and calls from left to right

Dallin Cox, KM4RTL, Sam Chandler, KM4RMU, Rob Cox, N4MN,

Davy Olson, KM4RSN, Steve Olson, KK4PCK

Education Director

The 7-session Amateur Extra Course starts Apr 16. The current question pool expires Jun 30. This will be the last Amateur Extra course until the last part of 2017. The remaining courses in 2016 are the: Technician Class starting Aug 6 and General Class starting Oct 1. Contact Murray, K4MHM, at: education@rars.org if you have questions.

Scouting

Youth Operated Station at RARSfest was a success with about 8 scouts and one other youth taking part. We had lots of ham visitors who expressed an interest in having boy scouts in their area getting into Amateur Radio. We had VHF, HF-SSB and HF-Digital radio operational. All the youth enjoyed other aspects of the RARSfest.

Murray, K4MHM

2016 RARSfest Picture



Photo by Murray, K4MHM

2016 North Carolina QSO Party Update

I'd like to thank everyone who participated in NC QSO Party this year and turning in their log.

Thought everyone would like to know the log checking is complete and winners have been determined. The award plaques are at the engraver as of this writing. Here are some statistics we have so far. It looks like about the same as last year.

All 100 NC Counties were activated

325 were logs submitted, 26 of which were manual paper logs

Received logs from 47 different NC counties, 38 states, 3 Canadian provinces, 5 DXCC entities.

35,555 total QSO's were made during the event

Most NC counties worked by one entrant was 77

9 Mobiles submitted logs as well as 3 Expeditions driving through and activating 107 counties

High power categories were popular with 54 entries in one of the HP categories

We are looking to have the winners announced and awards mailed out by mid April. Keep an eye out on the website, www.ncqsoparty.org, for the latest information.

"The Carolina Weekend" was a success with many positive comments about both states events back to back in one weekend. The list of NC participants has been sent to SC so good luck to all that participated in that one as well. If you sent your log to both you have a chance to win a Carolina BBQ dinner sponsored jointly between the two states.

Marty / W4MY
NCQP Chairman



New HAM / Elmer meeting, 6:00 p.m.

Before the member meeting.

At the April meeting. We're going to set up a 40m HF station in the yard outside the fellowship hall. We will get on the air and try to talk to stations hundreds of miles away. I'm not sure what to do with rainy weather. We'll think of something. maybe packet radio?

During the March new hams meeting the lesson was on building antennas. We built two quarter wave antennas and the kids got to solder. We used a Heathkit antique SWR meter to check the antennas and also to check a working and a not working mag mount antenna.

New hams (licensed since February 2015) attending were

Mark KM4IQV — March 2015

Ryan KM4IRI — March 2015

William KM4JPP — April 2015

Fin NC4FG - ex KM4KRT - May 2015

Rob N4MN - August 2015

Mark KM4OIZ — October 2015

Scott W4JSK ex KM4PFN — November 2015

Sam KM4WUF ex KM4PXV — December 2015

Jake KM4RMQ - February 2016

Sam KM4RMU - February 2016

Emily KM4RNF - February 2016

Davy KM4RSN - February 2016

Dallin KM4RTL - February 2016

Jared KM4SCG — March 2016



Ground-plane antenna,
photo by Sam KM4WUF

In addition, we had experienced hams

Steve KK4PLK

Billy KE4VNC

John N1GMV

and your host Tadd KA2DEW

The New Hams meeting is held every month before the regular RARs meeting. We'll try to start by 6pm. We try to address topics in a manner that will be of help to hams in their first year of operation.

Tadd Torborg, KA2DEW, Elmer Coordinator

tadd@mac.com, Raleigh NC FM05pv



Heathkit antique SWR meter

First Contact

Your editor had a pleasant experience on March 8, 2016. I was tuning around 40 meters looking for national parks on the air stations (NPOTA). I heard K4WBM calling CQ on 7.221 mhz. From the voice I should tell he was a young boy. I answered his CQ and found out it was his first time on the air from his school's ham station. After a little while he said he had to go to catch his bus. It was a fun contact.

74 Tom, N4TL

Future RARS 2016 Meeting Topics

Titles, topics, and speakers subject to change.

4/12/2016	Operating in the Bahamas (C6A) for the ARRL DX SSB 2015. His picture is in September 2015 QST	Rob Katz, K4OV
5/10/2016	Basic Antennas	Bert, N4CW
6/14/2016	Field Day	Dennis Keith, NC4DK
7/12/2016	Global Weather models	TC Moore
8/9/2016	Antenna Modeling	Fred Benson, NC4FB



2016 RARSfest Pictures



2016 RARSfest Pictures

2016 RARSfest, Tim Slay N4IB, ASM, Karl Bowman W4CHX, NC 5M, Tom Brown N4TAB, NC ARES SEC



2016 RARSfest

RARSfest 2016 Prize Winners

9:00	Pre-registration	\$100	Tom Forrest	N4GVK
10:00	Hourly	\$100	Rick Beale	
11:00	Hourly	\$100	Pete Massarelli	WB1FZY
12:00	Hourly	\$100	Mary Holtschneider	KG4OQA
1:00	Hourly	\$100	Bill Parris	AA4R
2:00	Grand Prize	\$400	Terry Bunn	KW4GBV

RARSfest 2016 “Youngest Ham Recognition”

Jared	KM4SCG	The prize was a Drone	Prize supplied by Sam Adams Satellite Head-quarters
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Hamfest ticket Winners at RARSfest 2016

4/23/2016	Kinston, NC - Downeast HamFest	Tim Ruehle	KJ4BKH
4/23/2016	Kinston, NC - Downeast HamFest	Craig Whitfill	K5TBZ
9/2-4/2016	Shelby, NC - Shelby HamFest	Walter Miller	WB3DAY
11/12/2016	Myrtle Beach, SC - BeachFest	Joe Rizza	N1LVN
11/12/2016	Myrtle Beach, SC - BeachFest	Jo Ann Tetterton	KC4PTA
11/12/2016	Myrtle Beach, SC - BeachFest	Wally Courie	NC1NC

North Carolina Section ARRL officers and NTS traffic handlers gathered at the NTS booth at RARSFest on April 2, 2016.



Photo by Tom Lewis, N4TL

Kneeling, front row: Clyde WC9CW, John W4CC, Carl W4EAT

Kneeling, second row: Bob K4HA, Lane WK4WC, Ricky KA4TLC, Carl W8WZ

Standing, l-r: Dave W4DNA, Joanne AK4RJ, Jim N2ZZ, Karl W4CHX, Bill WA2EDN,

Bill N2COP, Hal WB4ZIQ, Joe W4TTO, Will K4IWW, Herb W3HL

RARSfest 2016 “Youngest Ham Recognition”

The youngest Ham attending RARSfest was 8 year old Jared Richards, KM4SCG. Jared received his license in March 2016, following a Technician class delivered by Virginia Enzor, NC4VA and John Daniel, KK4JCN. Amateur Radio is a “family affair” for the Richard’s family. His parents and 11 year old brother Ryan were licensed last year; he and his grandparents received their licenses this year. Jared received a prize provided by Sam Adams / Satellite Headquarters.

Greg KE4PAX

Future Hamfests

A full list of Hamfests can be found at the [ARRL website](#).

05/28/2016 | [DurHamFest](#)

Location: Durham, NC

Type: ARRL Hamfest

Sponsor: Durham FM Association (DFMA)

Website: <http://dfma.org>

07/16/2016 | [Mid-Summer SWAPFEST](#)

Location: Cary, NC

Type: ARRL Hamfest

Sponsor: Cary Amateur Radio Club

Website: <http://www.qsl.net/n4nc>

09/03/2016 | [North Carolina State Convention \(Shelby Hamfest\)](#)

Location: Shelby, NC

Type: ARRL Convention

Sponsor: Shelby Amateur Radio Club

Website: <http://shelbyhamfest.org>

TriEmbed

Triangle Embedded Interest Group

This group had a number of tables at the RARSFEST. Check out their pictures [here](#) and [here](#). <http://triembed.org/blog/>

RARS 2 Meter Net:
Gateway to Amateur Radio

Looking to connect with other Hams on a local regular net? Then check into the RARS 2 meter net every night at 8:00 PM on the 146.64 repeater. Longtime hams, new hams, and those traveling through the area check in and share stories of their day, contacts they have made throughout the world, interesting items they have found and purchased at Hamfests and all sorts of other topics related to our hobby. This net also provides a great way to practice good net skills and to become prepared for operating the radio during an emergency. National Traffic System Traffic Training is offered during the net whenever an NTS instructor is available. The Saturday session features the weekly tech and traders net, led by Alan AB4OZ,

where one can list items for sale and ask technical questions.

The net would not be successful without the ongoing dedication of our net control stations. In addition to Alan, other net control stations are Mike WA4BPJ, Richard KF4HQS, Bob WX4MMM, Phillip KG4IVD, Virginia NC4VA, Julie KT4JR, Joe W4TTO, and Randy KE4PNT.

The Apex ERC net, focusing on emergency response, meets on Sundays at 9 PM on the 146.64 repeater and is let by Virginia NC4VA.

Interested in becoming a substitute net control station? Please contact Mary KGOQA at kg4oqa@excite.com.

Mary KG4OQA

Minutes

Raleigh Amateur Radio Society Board of Directors Meeting February 16, 2016

1. The meeting was called to order by Dennis NC4DK at 7:12 PM
2. Present: Dennis NC4DK, Tom N4TL, John AI4RT, Chuck K4HF, Raymond NC4OO, Bill AK4BL, Joanne AK4RJ, Greg KE4PAX, Marty W4MY, and Bob NC1X. The 10 present constituted a quorum.
3. The board received a letter of resignation from Raymond, NC4OO. After some discussion, a motion was made to table acceptance of Ray's resignation pending further discussion with Raymond, and was duly passed.
4. The minutes of the January 19, 2016 meeting were distributed, and were accepted as amended.
5. Vice President's report: Tom N4TL stated that the March general membership meeting will be the annual RARS birthday party. The program will be an updating of the RARSfest progress by Ian N0IAN.
6. Treasurer's Report: Greg KE4PAX reported that RARS has 396 members of all types. Of the 20 complimentary memberships issued in the last year, most will expire this summer. A few of the complimentary members subsequently joined as regular members or made a donation to the club.
7. Secretary's Report- no report
8. Directors' Reports:
 - a. Public service director – John AI4RT: Some activities are being dropped: The Turkey Ride will be dropped as they do not have an event coordinator this year. Special Olympics are moving to text communications only. If it works we will not be needed in the future. They will come back to RARS if they decide we are needed.
 - b. FM Repeater – no report following a detailed report at the February general meeting.
9. Other reports
 - a. Scouting – Murray K4MHM communicated that at the recent Technician course of 37 students there were 11 scouts, but only 2 scouts passed the test. This apparently indicates a need to re-work the course for younger students which the scouts tend to be. Murray plans a youth station for RARSFEST, and wants to provide 50 scout brochures. A motion to allot \$31.65 for Boy Scout brochures was moved, seconded and passed. Those working with scouts should take a youth protection course which is available online from BSA.
 - b. FM repeater: FM repeater racks will be stuffed at the RTP site Thursday, February 19th. A telephone line has been installed at RTP .
 - c. Exciter - Tom N4TL: The March Exciter deadline is February 27th.
 - d. Field Day: Marty K4MY wants to be a band captain for a GOTA station. Says we should

make an effort for GOTA this year.

e. ARRL Liaison – Chuck K4HF: A lot is happening at the ARRL which can be found in the league publications like QST.

f. ARRL Section manager – Karl W4CHX – no report.

g. Webmaster - Hank K4HM: No report. Greg KE4PAX reports that the website ran low on space and has been enlarged.

h. RARSfest chair – Ian N0IAN sent a summary:

1. The next planning meeting is Monday February 22 at TRRS. Additional meetings are scheduled.
2. We will have a youth operated station instead of a youth lounge. The boy scouts will be helping.
3. We have ARRL sanctioning and a speaker from HQ
4. The venue is reserved and paid
5. Flyers should be arriving this month
6. Mailing list has been sent to CES and awaits flyers.
7. RARS website is updated for this year and volunteer registration is working.
8. Southern Expo Services has us on their calendar.
9. Wristbands should be on order.
10. Two security vest samples are on order to see if they are suitable replacements for old vests.
11. SERA advertising was placed on time in December.
12. Allan AB4OZ and Chuck K4HF will attend Frostfest with RARS table and banner.
13. We are working on scheduling the March meeting with the fairground coordinator
14. There is some uncertainty over the timing of our setup schedule, which must precede dealer setup. As Friday of RARSfest is not a holiday this year, SES may want us to set up then instead of on Thursday.

Chuck K4HF said thirty tickets were sold at last month's membership meeting.

i. Field Day chair – Dennis NC4DK: Different locations have been considered for field day to get more public exposure, but they tend to be crowded on weekends and have liability issues. Space for antennas is often restricted and security is difficult.

j. NC QSO Party - Marty W4MY: Work progresses on a fully automated infrastructure for the logs. There will be a drawing for all who contribute logs to both SC & NC QSO parties. Both states will contribute to the prizes. Engraving for the NC event is being done. All sponsorships have been paid.

k. W4DW/W4RNC Trustee – no report.

l. Net Manager – no report.

10. Old Business: Murray K4MHM communicated progress toward setting up our logo at Lands End. When the shirt logo is set up, members can order directly from Lands End.

11. New business – Chuck K4HF has RARS property in his personal storage unit which is getting crowded. He suggests sharing cost of another unit. A discussion of storage ensued. Tom N4TL will take some of Chuck's items with a plan to reduce the amount by eliminating unnecessary items. It might be feasible to rent a larger unit than the one we now have at the fairgrounds for RARS property (which is full) since it is cheaper to rent a larger unit than two smaller ones.

Chuck K4HF wonders if we are properly greeting new members and visitors so they will feel welcome and come back. He observes that we are getting some new members from other clubs that fall down on the obligation to welcome these hams. The New Ham portion of the monthly membership meetings seems to be effective at this.

The next Board meeting will be Tuesday, March 15, at 7:00 pm.

There being no further business Dennis NC4DK adjourned the meeting at 8:35 pm.

Respectfully submitted,

Robert E. Chapman, NC1X

Secretary



MINUTES

Raleigh Amateur Radio Society General Membership Meeting March 8, 2016

The meeting was called to order by vice president Tom N4TL at 7:30 p.m.

There were 45 members present which constituted a quorum. Guests Cheryl WA1WEY, Tony K1OC, John N1GMV, Bill KK4TUV, Bill KK4QOZ, Dallin KM4RTI, Steve KK4PCK, Davy KM4JTP and Sam KM4RMU were introduced.

The minutes of the February 9, 2016 meeting were approved as published in the Exciter.

Treasurer's Report: Greg KE4PAX reports we have 409 members. See Greg for other details.

Announcements. Tom N4RL announced:

The RARS Dinner will be Tuesday, March 1, at the Golden corral on Glenwood Ave. All are invited.

The RARS Board meeting will be Tuesday, March 15, here at the church.

The after- meeting gathering will be at Applebees on Hillsboro at Gorman St.

Directors' Reports:

John AI4RT asked members to check the RARS website for Public Service events.

Dennis NC4DK – no report

Karl K4CHX - Danny & Chuck installed the 145.13 repeater at the RTP site. It looks like a good installation but there is an antenna problem; please don't access it yet.

Marty W4MY (NCQSOP chair): Thanks to all who participated in the QSO Party. He displayed the plaques for participation. North Carolina as well as South Carolina had good growth this year. We had 300 online logs and about 15 on paper. The log deadline is March 21.

Murray K4MHM: The Extra Q&A book expires in August so get your upgrade in the next class.

CJ, NC4CJ, made an announcement in favor of RARSfest, especially the club sales table there which she manages.

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Other Reports:

Sam KM4WUF needs help at Cardinal Gibbons HS with a demo of Amateur radio. Call him on the 64 repeater.

The door prizes were won by K1OC and KF4VXJ.

Dennis NC4DK introduced the annual awards and awardees. A summary of this year's awardees is attached to these minutes. Dennis was given a quantity of old US Postage "ham radio" stamps and held a raffle for them.

Program: Ian N0IAN gave a report on the upcoming RARSfest, which will be in the Jim Graham building on Saturday, April 2, with preliminary events on Friday, April 1. Due to scheduling by the fairgrounds, RARSfest will not be on Easter Saturday this year. The most likely complication is that as Friday is not a holiday, we might not be able to set up the hall on Thursday afternoon as we usually do. That could delay vendors' setting up early on Friday. On Friday evening there will be the usual free dinner (BBQ) for vendors and RARS members. RARS members are asked to bring a salad or a side dish.

RARSfest hours on Saturday will be 0800-1530. Tickets are \$8 (presales) and \$10 at the door. We will enforce no public access before 0800 although ticket tables open at 0600 for vendors and 0730 for the public door. Admission of persons under 16 is free with a paying adult. A special prize drawing will be held in the morning only for pre-sale tickets. A \$400 drawing for all attendees will be held at 2 pm. Winners do not need to be present.

There will be meetings and activities for all likes. There will be an ARRL North Carolina section meeting, VE sessions, card checking, and a fox hunt among other things.

A Q&A session followed the presentation.

Dennis NC4DK adjourned the meeting at 8:45 pm.

Respectfully submitted,

Robert E. Chapman
RARS Secretary

Attachment (1), Rev. 1, The list in the attachment is shown on [page 6](#).

Current Public Service Opportunities

There a number of Public Service evens each month. Please click on this link and you will be taken to the RARS Public service webpage. That location lists the events and there are links to sign up to help.

<http://www.rars.org/public-service.php>

The Ham Public Service Net The HPS Net is on vacation, we will resume when the 2016 PS season begins. We will use the following repeaters in the Carolina 440 Link System:

*441.725(+)(100) – Raleigh, NC Hub
443.450 (+)(100) – Cane Mt., Snow Camp, NC
444.325 (+)(100) – Holly Springs, NC
444.375 (+)(100) - Henderson, NC
444.550 (+)(100) – Coats, NC
444.775 (+)(100 – Cary, NC
444.875 (+)(100) – Wendell, NC
145.330 (-)(100) – Goldsboro, NC
442.250 (+)(107.2) - McCain/Southern Pines, NC
444.200 (+)(179.9) - Johnsonville, NC
444.025 (+)(100) - Benson, NC
442.425 (+)(100) - Buxton, NC*

*(The net is also accessible through IRLP Reflector 9210)
The Ham Public Service Yahoo Group link is: [Ham Public Service North Carolina](#)*

73,
John - AI4RT

RARS Classifieds

Copied from www.rars.org/classifieds.php

The items below were listed within the last 30 days on the RARS website.

1 Lot Kenwood Radios - \$1,100

Posted April 3rd, 2016 by: W2PAU

Contact: jim.w2pau@gmail.com

Didn't find what you were looking for at RARSfest? Selling my Kenwood Collection plus an MFJ Antenna Tuner. Looking to sell as 1 lot. \$1,100. Thanks for looking. Will provide pictures as requested. Everything is in excellent condition. I'm the second or third owner on the VHF/UHF radios, the second owner on the TS-830s (I personally know the original owner) and the original owner of the MFJ-949c antenna tuner. The TS-830s comes with the MC-50 desk mic, while the TS711a and TS811a come with a Kenwood hand mic.

Email me at jim.w2pau@gmail.com or call/text at 262-235-0310 (yep a WI number but believe me I've lived in Clayton for 21 years!).

TS-830s Features

- 160-10 meters
- WARC Bands
- Notch Filter
- Noise Blanker
- 25 kHz Marker
- Variable Bandwidth Tuning
- IF Output

- RIT/XIT
- Speech Processor
- IF Shift
- VOX
- AGC Slow/Fast/Off
- RF Attenuator
- 120 VAC Operation

The Kenwood TS-830S follows in the tradition of the successful TS-820S. It is designed for SSB and CW modes in the 160 through 10 meter ham bands, and additionally includes the 30, 17 and 12 meter WARC bands. Power input is 220 watts PEP SSB and 180 watts DC CW. (Basically 100 watts output). The finals are a pair of 6146B tubes. (This transceiver does not have general coverage receive). AC PS built-in. Includes a Kenwood MC-50 desk mic.

TS-711a Features

- All Mode 144-148 MHz
- 40 Memories
- RIT
- IF Shift
- Speech Processor
- RF Power Control
- Memory Shift
- Dual Digital VFO's

RARS Classifieds continued

- Dual Watch
- Scanning
- Keypad Entry
- Priority Alert
- Repeater Reverse
- Memory Scroll

The Kenwood TS-711A 2 meter multimode transceiver with advanced features such as DCS digital Code Squelch, 10 Hz dual digital VFOs, 40 multifunction memories, memory scan, sweep, IF shift, noise blanker and all-mode squelch. Other enhancements include built in TCXO, keypad entry and speech processor. Power output is continuously adjustable from 2 to 25 watts. AC PS built-in. Includes a Kenwood hand mic. The TU-5 CTCSS tone unit is installed.

TS-811a Features

- All Mode 430-450 MHz
- 40 Memories
- RIT
- IF Shift
- Speech Processor
- RF Power Control
- Memory Shift
- Dual Digital VFO's
- Dual Watch
- Scanning
- Keypad Entry
- Priority Alert
- Repeater Reverse
- Memory Scroll

The Kenwood TS-811A 70 centimeter multi-mode transceiver with advanced features such as DCS digital Code Squelch, 10 Hz dual digital VFOs, 40 multifunction memories, memory scan, sweep, IF shift, noise blanker and all-mode squelch. Other enhancements include built in TCXO, keypad entry and speech processor. Power output is continuously adjustable from 2 to 25 watts. AC PS built-in. Includes a Kenwood hand mic. The TU-5 CTCSS tone unit is installed.

MFJ-949c Deluxe Versa Tuner II Features

- Covers 80-10 meters
- Rated at up to 300 watts
- Meter lamp requires 12vdc (not included)
- 50 ohm dummy load built-in
- 2 ranges 30/300 watts
- Up to 3 antennas (2 coax, 1 balanced wire)

Free tower, HF, VHF beam & Rotator

Posted March 16th, 2016 by: K4LXV

Contact: k4lxv@twc.com

John, AA4MP a local ham has an HF 3 element and 2 meter beam, rotator and approximately 6 sections of rohn 25 tower that he will give to whom ever comes and takes down. He is getting his roof replaced soon so he needs to have it taken down before that. He can be reached at Home at 919-859-0787 or cell 919-744-9281.